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Dated: February 3, 2006 Signature: *Lenay Bogus*
(Lenay Bogus)

Patent
Docket No. 564462004000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kevin GRAY et al.

Serial No.: 10/550,155

Filing Date (Int'l): March 18, 2004

For: GLUCOSIDASES, NUCLEIC ACIDS
ENCODING THEM AND METHODS
FOR MAKING AND USING THEM

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of foreign documents and non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

The document numbers 24, 30, 32, 33, and 34 listed on the attached Form PTO/SB/08a/b were cited in an International Search Report mailed on March 17, 2005, directed to a counterpart international or foreign application and have not been previously cited.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
 - ☐ A fee is required. A check in the amount of ___ is enclosed.
 - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly, no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of ___ is enclosed.
 - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

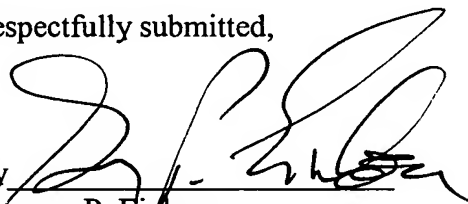
The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist;

(iii) the information, protocols, results and the like reported by third parties are accurate or enabling;
or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 564462004000.

Dated: February 3, 2006

Respectfully submitted,

By 

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/550,155
				Filing Date	(Int'l) March 18, 2004
				First Named Inventor	Kevin GRAY
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	564462004000

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1.	US-2,615,810	10-28-1952	Stone	
	2.	US-3,026,205	03-20-1962	Stone	
	3.	US-4,788,066	11-29-1988	Witt	
	4.	US-5,021,246	06-04-1991	Sieben et al.	
	5.	US-5,405,624	04-11-1995	Doncheck et al.	
	6.	US-5,536,650	07-16-1996	Versteegh	
	7.	US-5,582,681	12-10-1996	Back et al.	
	8.	US-5,709,796	01-20-1998	Fuqua et al.	
	9.	US-5,762,991	06-09-1998	Dziondziak et al.	
	10.	US-5,856,164	01-05-1999	Outtrup et al.	
	11.	US-6,066,233	05-23-2000	Olsen et al.	
	12.	US-6,077,316	06-20-2000	Lund et al.	
	13.	US-6,147,206	11-14-2000	Doner et al.	
	14.	US-6,197,070	03-06-2001	Horner et al.	
	15.	US-6,197,352	03-06-2001	Olesen	
	16.	US-6,204,232	03-20-2001	Borchert et al.	
	17.	US-6,241,849	06-05-2001	Franks	
	18.	US-6,264,925	07-24-2001	Fuglsang et al.	
	19.	US-6,297,038	10-02-2001	Bisg.ang.rd-Frantzen et al.	
	20.	US-6,309,871	10-30-2001	Outtrup et al.	
	21.	US-6,326,341	12-04-2001	Chatterjee et al.	
	22.	US-6,329,333	12-11-2001	Merz et al.	
	23.	US-6,333,301	12-25-2001	Kamiya	
	24.	US-6,355,467	03-12-2002	Kelly et al.	
	25.	US-6,365,561	04-02-2002	Vinson et al.	
	26.	US-6,380,147	04-30-2002	Speckmann et al.	
	27.	US-6,399,561	06-04-2002	Schneider et al.	
	28.	US-6,413,928	07-02-2002	Painter et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	29.	WO-95/14807	06-01-1995	Novo Nordisk		

*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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sd-299702

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/550,155
				Filing Date	(Int'l) March 18, 2004
				First Named Inventor	Kevin GRAY
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	564462004000

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	30.	Genbank Accession No. AE011901, de Silva ACR et al., May 29, 2002		
	31.	International Search Report for PCT/US04/08541, mailed on March 17, 2005, 8 pages		
	32.	KLINGEBERG et al., FEMS Microbiol. Lett. (1990) 57:145-152		
	33.	LEGIN et al., Biotechnol. Lett. (1998) 20(4):363-367		
	34.	ROLFSMEIER et al., J. Bacteriol. (1995) 177(2):482-485		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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